

ABSTRACT

A dummy wafer including a carbon fiber reinforced plastic (CFRP).

Specifically the dummy wafer has a wafer substrate including CFRP, the

5 substrate has two skin layers disposed on respective principal surface side and

a core layer interposed between the skin layers, and each of the skin layers

has multiple one-dimensionally reinforced layers consisting of a cured and

shaped product of unidirectional prepreg. With reference to the orientation

direction of one of the one-dimensionally reinforced layers on the side closest

10 to the principal surface (outermost layer) in each of the skin layers, the other

outermost layer is oriented in a specific direction; the tensile modulus of CF in

each outermost layer is within a specific range; each skin layer has a

one-dimensionally reinforced layer that contains CF oriented in a specific

direction and has the tensile modulus within a specific range; and the core layer

15 has a one-dimensionally reinforced layer that contains CF oriented in a specific

direction and having the tensile modulus within a specific range, and a

one-dimensionally reinforced layer that contains CF oriented in a specific

direction and having the tensile modulus within a specific range. The dummy

wafer has high strength, is inexpensive, and easily responds to light sensors.